CALIFORNIA ENERGY COMMISSION

1516 NINTH STREET SACRAMENTO, CA 95814-5512



NOTICE OF PROPOSED AWARD TECHNICAL ASSISTANCE FOR THE RESEARCH AND DEVELOPMENT DIVISION RFP # 500-11-504

Proposed Contractor: KEMA, Inc.

Contract Amount: \$3,500,000.00

<u>BIDDER</u>	<u>FINAL SCORE</u>
KEMA, Inc.	906.20
Itron, Inc. (which will do business in California as IBS)	883.24
Navigant Consulting, Inc.	834.75

Questions should be directed to: Angela Hockaday, Contract Officer

California Energy Commission 1516 Ninth Street, MS-18 Sacramento, CA 95814 (916) 654-5186

Dated: May 2, 2012 Expires: May 9, 2012

			Summary							Averaged
Prop					Scorer		Scorer	Scorer	Possible	Points
#	Company		Criteria	1		Scorer 2		4	Points	Awarded
1		70	1. Team Structure		90%	100%	90%	90%	40	37.00
		Contractor Qualifications and Experience	Availability of Personnel/Approach to Tasks in the Scope of Work		80%	90%	90%	90%	40	35.00
		cto	3. Contract Management Ability		90%	100%	90%	90%	40	37.00
		ntra atic erie	4. Quality Control		80%	80%	90%	70%	40	32.00
		Contractor alifications a Experience	5. Client References		80%	90%	90%	90%	20	17.50
) Na	6. Previous Work Products		80%	100%	90%	90%	20	18.00
		G	Total Contractor Qualifications and Experience:						200	176.50
		>>	1. Appliance, Office, and Consumer Electronics							
		enc	Technologies and Performance/ Efficiency		000/	000/	000/	000/	10	0.00
		ioi III	Standards 2. Building Envelope and Environmentally-Friendly		90%	90%	90%	90%	10	9.00
		Buildings End-Use Energy Efficiency	Building Technologies and Design		90%	90%	90%	80%	10	8.75
		erg	3. Lighting and Windows Technologies and Design		90%	90%	90%	90%	10	9.00
		ш	4. Space Thermal Conditioning Technologies and							
		Se	Design		90%	90%	90%	90%	10	9.00
		구	5. Water Efficient Applications, Water Heating and Distribution Systems, Technologies and Design		100%	90%	80%	90%	10	9.00
		ш	6. Whole Building Energy Measurement, Simulation		10070	0070	0070	0070	10	0.00
		sbi	and Benchmarking, and Performance/Efficiency							
		Idi	Standards, Consumer Acceptance and Decision							
		Bui	Making and Market Intelligence		90%	90%	90%	90%	10	9.00
		_ o s o	7. Demand Responsive Technologies and Systems		70%	70%	70%	70%	10	7.00
		Energy Technolo gy Systems Integratio	8. Smart Grid Technologies		70%	70%	70%	70%	10	7.00
		Ene ech g yst	9. Transmission/ Distribution Technologies and		1070	1070	7 0 70	1070		
		a i s	Power Electronics		90%	90%	90%	90%	10	9.00
		_ 7 5	10. Combined Cooling, Heating and Power (CCHP)		000/	000/	000/	000/	10	0.50
		Energy Related Advanced Generation	Technologies and Applications 11. Fuel Cell Technologies		90%	90% 90%	80% 80%	80% 80%	10 10	8.50 8.50
		ine tela Ivar	12. Reciprocating Engines		90%	90%	90%	90%	10	9.00
		9. A 9.0	13. Gas Turbines (Micro and Small)		90%	90%	90%	80%	10	8.75
			14. Air Quality Specialist		80%	80%	80%	70%	10	7.75
		g ed	15. Energy-Related Environmental Research		50%	50%	70%	50%	10	5.50
		elat rch	16. Geologist: Geologic Storage of Carbon Dioxide		80%	90%	80%	70%	10	8.00
		/-R	17. Energy Related Climate Science		90%	90%	80%	90%	10	8.75
		Energy-Related Environmental Research	18. Heat Transfer Specialist: Power Plant Cooling		80%	90%	70%	70%	10	7.75
			19. Marine Biologist: Wave Energy, Once-through							
			Cooling Technologies		50%	50%	50%	50%	10	5.00
		p _	20. Data Center Energy Management		90%	90%		90%	10	9.00
		e and ergy	21. Energy Storage Technologies: Small Scale 22. Industrial Energy Efficiency and Demand		80%	90%	80%	90%	10	8.50
		tur En	Reduction		70%	80%	70%	70%	10	7.25
		icul se ncy	23. Industrial Fluid Separation Technologies		70%	70%		70%	10	
		Industrial, Agriculture and Water End-Use Energy Efficiency	24. Industrial Process Heat		70%	80%		80%	10	
		al, / En	25. Industrial Refrigeration		70%			80%	10	
		stri	26. Solar Industrial Process Heat Technologies		70%			70%		
		Wa	27. Water Conservation		70%	80%	80%	70%	10	7.50
		_	28. Water Treatment: Potable and Wastewater		80%	80%	90%	80%	10	8.25
		ø	29. Alternative Fuels and Conventional Fuels from		000/	0007	000/	0001	4.0	0.00
		Renewable Energy Technologies	Non-Conventional Sources 30. Biomass Electric Generation and Municipal	+	90%	90%	90%	90%	10	9.00
		olo	Solid Waste (MSW) Technologies		90%	90%	90%	90%	10	9.00
		chn	31. Geothermal		90%	70%		90%	10	
		– H	32. Low Impact Hydroelectric and Ocean Energy							
		rgy	Technologies		90%		70%	90%	10	
		ne	33. Process Heating Alternatives for Industry 34. Renewable Natural Gas Replacement		50%	70%	70%	70%	10	6.50
		<u>ө</u>	Alternatives		90%	90%	90%	80%	10	8.75
		abl	35. Solar Thermal Electric and Photovoltaic	+	3070				1.0	0.70
		Jew	Technologies		80%			70%	10	
		Ren	36. Storage Technologies		90%			80%		
		_	37. Wind Technologies		90%	100%	90%	90%	10	9.25

Prop #	Company		Criteria	Sc 1	corer	Scorer 2	Scorer 3	Scorer 4	Possible Points	Averaged Points Awarded
		atio /	38. Advanced Transportation Fuels and Infrastructure		70%	70%	70%	70%	10	7.00
		sport: Energ ID&D	39. Advanced Transportation Technologies and Infrastructure		80%	80%	70%		10	
		Trar n F	40. Sustainable Communities and Land Use Planning		80%	80%	80%	80%	10	8.00
		ng atio	41. Market Assessment 42. Quantification of Benefits of Energy Resources		90%	90%	90%	90%	10	9.00
			and Technologies		80%	80%	90%	90%	10	8.50
		교교	43. RD&D Program Evaluation		80%	90%	80%	90%	10	8.50
		er	44. Facilitate Dissemination of Project and Program Results		90%	90%	90%	90%	10	9.00
		Technology Transfer	45. Facilitator		90%	100%	90%	90%	10	9.25
		Tra	46. Graphics/Design/Printing		90%	80%	80%	90%	10	8.50
		gy	47. Technical Editor		90%	100%	80%		10	8.75
		olo	48. Technical Writer		90%	100%	80%		10	8.75
		chn	49. Webcast		90%	100%	80%		10	9.00
		Тес	50. Word Processing		90%	100%	80%	80%	10	8.75
			Total AOE Score:						500	411.50
			Average Loaded Hourly Rate, Cost % and Score	17	74.87	99.35%			270	268.24
		Cost Score	2. Cost Justification		90%	90%	90%	90%	20	18.00
		0031 00010	Total Cost Score						290	286.24
			Budget-Economic Investment in California (EIC)						10	9.00
			Total Contractor Qualifications and Experience:						200	176.50
			Total AOE Score:						500	411.50
			Total Cost Score (incl EIC)						300	295.24
		Totals	Total						1000	883.24

			Summary						Averaged
Prop #	Company		Criteria	Scor 1	Scorer 2	Scorer 3	Scorer 4	Possible Points	Points Awarded
2			1. Team Structure	90			90%		36.00
		pur	2. Availability of Personnel/Approach to Tasks in						
		tor S S S	the Scope of Work	90				40	
		rac atior	3. Contract Management Ability	80				40	34.00
		Contractor alifications a Experience	4. Quality Control 5. Client References	80				40 20	
		Contractor Qualifications and Experience	6. Previous Work Products	90				20	18.00 18.00
		Ø	Total Contractor Qualifications and Experience:	3.	70 3070	3070	3070	200	
			1. Appliance, Office, and Consumer Electronics					200	110.00
			Technologies and Performance/ Efficiency		000	000/	000/	40	0.00
		ergy	Standards 2. Building Envelope and Environmentally-Friendly	90	% 90%	90%	90%	10	9.00
		Buildings End-Use Energy Efficiency	Building Technologies and Design	90	% 80%	90%	90%	10	8.75
		se l	3. Lighting and Windows Technologies and Design	90			90%	10	
		s End-Use Efficiency	4. Space Thermal Conditioning Technologies and	0(000/	000/	000/	10	0.00
		En	Design 5. Water Efficient Applications, Water Heating and	90	% 90%	90%	90%	10	9.00
		ngs E	Distribution Systems, Technologies and Design	70	% 70%	80%	70%	10	7.25
		idir	6. Whole Building Energy Measurement, Simulation						
		Bui	and Benchmarking, and Performance/Efficiency						
			Standards, Consumer Acceptance and Decision Making and Market Intelligence	0,	% 70%	900/	000/	10	7 75
		0 00		80				10 10	
		rgy nole ems	7. Demand Responsive Technologies and Systems 8. Smart Grid Technologies	70 80				10	
		Energy Technolo gy Systems Integratio	9. Transmission/ Distribution Technologies and	- 00	70 1070	00 76	00 /0	10	1.13
				90	% 80%	90%	90%	10	8.75
		- d on	10. Combined Cooling, Heating and Power (CCHP)	0(0/ 000/	900/	000/	10	0.50
		rgy ated nce	Technologies and Applications 11. Fuel Cell Technologies	90				10 10	
		Energy Related Advanced Generation	12. Reciprocating Engines	90					
			13. Gas Turbines (Micro and Small)	80				10	
			14. Air Quality Specialist		% 70%			10	
		ted -	15. Energy-Related Environmental Research	70			70%	10	
		ergy-Relat ivironment Research	16. Geologist: Geologic Storage of Carbon Dioxide	80	% 70%	80%	80%	10	7.75
		ly-F onr sea	17. Energy Related Climate Science	90				10	
		Energy-Related Environmental Research	18. Heat Transfer Specialist: Power Plant Cooling	80	% 70%	90%	80%	10	8.00
		고 교	19. Marine Biologist: Wave Energy, Once-through Cooling Technologies	70	% 70%	80%	70%	10	7.25
				80					
		and	20. Data Center Energy Management 21. Energy Storage Technologies: Small Scale		% 90%				
		re a	22. Industrial Energy Efficiency and Demand	30			3070	10	
		ultu e Er	Reduction		% 90%				
		gric Use ienc	23. Industrial Fluid Separation Technologies	80					
		Industrial, Agriculture and Water End-Use Energy Efficiency	24. Industrial Process Heat 25. Industrial Refrigeration		% 80% % 70%				
		trial er E	_		% 70% % 80%				
		dus	26. Solar Industrial Process Heat Technologies 27. Water Conservation		% 80% 80%				
		<u> </u>	28. Water Treatment: Potable and Wastewater		% 90%				
			29. Alternative Fuels and Conventional Fuels from						
		yies	Non-Conventional Sources 30. Biomass Electric Generation and Municipal	90	% 90%	90%	90%	10	9.00
	golouh		30. Biomass Electric Generation and Municipal Solid Waste (MSW) Technologies	Qr	% 90%	90%	90%	10	9.00
			31. Geothermal		% 70%				
		Tec	32. Low Impact Hydroelectric and Ocean Energy						
		rgy	Technologies		% 70%				
	Renewable Energy Technologies		33. Process Heating Alternatives for Industry 34. Renewable Natural Gas Replacement	80	% 70%	90%	70%	10	7.75
			Alternatives	90	% 70%	90%	90%	10	8.50
		vab	35. Solar Thermal Electric and Photovoltaic						
		nev	Technologies		% 70%				
		Re	36. Storage Technologies		% 90%				
			37. Wind Technologies	80	% 90%	90%	90%	10	8.75

Prop #	Company		Criteria	Scorer 1	Scorer 2	Scorer 3	Scorer 4	Possible Points	Averaged Points Awarded
		atio /	38. Advanced Transportation Fuels and Infrastructure	80%	90%	90%	90%	10	8.75
		sport Energ	39. Advanced Transportation Technologies and Infrastructure	90%				10	
		Trar n F	40. Sustainable Communities and Land Use Planning	80%	90%	90%	90%	10	8.75
		ور tio	41. Market Assessment	90%	80%	80%	90%	10	8.50
		=	42. Quantification of Benefits of Energy Resources and Technologies	90%	80%	90%	90%	10	8.75
		PI: Ev	43. RD&D Program Evaluation	80%	80%	90%	90%	10	8.50
		er	44. Facilitate Dissemination of Project and Program Results	90%	80%	80%	90%	10	8.50
		Technology Transfer	45. Facilitator	90%	90%	80%	90%	10	8.75
		Tra	46. Graphics/Design/Printing	90%	80%	90%		10	8.75
		gy	47. Technical Editor	90%		90%			9.00
		olo	48. Technical Writer	90%		80%			8.75
		chr	49. Webcast	90%		80%		10	8.50
		Te	50. Word Processing	90%	90%	80%	90%	10	
			Total AOE Score:					500	
			Average Loaded Hourly Rate, Cost % and Score	175.06				270	267.95
		Cost Score	2. Cost Justification	80%	80%	90%	90%	20	
		0001 00010	Total Cost Score					290	284.95
			Budget-Economic Investment in California (EIC)					10	8.00
			Total Contractor Qualifications and Experience:					200	175.00
			Total AOE Score:					500	
			Total Cost Score (incl EIC)					300	292.95
		Totals	Total					1000	886.20

			Summary					1	Averaged			
Prop			1	Score	r	Scorer	Scorer	Possible				
	Compony		Critoria									
#	Company		Criteria	1	Scorer 2		4	Points	Awarded			
3		_	1. Team Structure	90	% 70%	90%	70%	40	32.00			
		pug	2. Availability of Personnel/Approach to Tasks in									
		Contractor Qualifications and Experience	the Scope of Work	80			1	40				
		act ion ien	3. Contract Management Ability	80				40	33.00			
		ntr cat oer	4. Quality Control	70	% 70%	90%	90%	40	32.00			
		Contractor alifications a Experience	5. Client References	50	% 70%	90%	80%	20	14.50			
		nsu –	6. Previous Work Products	50	% 70%	80%	80%	20	14.00			
		O	Total Contractor Qualifications and Experience:					200	157.50			
		>	1. Appliance, Office, and Consumer Electronics									
		Efficiency	Technologies and Performance/ Efficiency									
		iżi	Standards	50	% 50%	70%	50%	10	5.50			
		置	2. Building Envelope and Environmentally-Friendly	70	700/	000/	700/	40	7.05			
		δ	Building Technologies and Design	70								
		Jer	3. Lighting and Windows Technologies and Design	70	% 70%	70%	70%	10	7.00			
		ш	Space Thermal Conditioning Technologies and Design	70	% 70%	70%	70%	10	7.00			
		Jse	5. Water Efficient Applications, Water Heating and	70	70 70 70	7070	7070	10	7.00			
		7-	Distribution Systems, Technologies and Design	50	% 50%	70%	50%	10	5.50			
		Buildings End-Use Energy	6. Whole Building Energy Measurement, Simulation		70 0070	1070	0070		0.00			
		Sg	and Benchmarking, and Performance/Efficiency									
		iË	Standards, Consumer Acceptance and Decision									
		ij	Making and Market Intelligence									
		_	-	80				_				
		olo stio	7. Demand Responsive Technologies and Systems	70			70%	10				
		Energy echnolo gy Systems	8. Smart Grid Technologies	70	% 80%	80%	80%	10	7.75			
		Energy Technolo gy Systems Integratio	9. Transmission/ Distribution Technologies and									
		F 97 =		70	% 70%	70%	70%	10	7.00			
		, , g lo	10. Combined Cooling, Heating and Power (CCHP)	70	700/	000/	000/	10	7.50			
		Energy Related Advancec	Technologies and Applications	70				10				
		nen ela var	11. Fuel Cell Technologies	70				10				
		Energy Related Advanced Generation	12. Reciprocating Engines	70								
			13. Gas Turbines (Micro and Small)	70				10				
			14. Air Quality Specialist	70								
		ta ted	15. Energy-Related Environmental Research	80	% 50%	80%	80%	10	7.25			
		Energy-Related Environmental Research	elat ieni rch	ela: ien rch	ela rch		70	500/	000/	F00/	40	0.05
			16. Geologist: Geologic Storage of Carbon Dioxide 17. Energy Related Climate Science	70								
		rgy iro tes	"	80				10				
		ine in the	18. Heat Transfer Specialist: Power Plant Cooling	70	% 25%	90%	70%	10	6.38			
		ш ш	19. Marine Biologist: Wave Energy, Once-through Cooling Technologies	90	250/	000/	900/	10	6 00			
				80								
		Industrial, Agriculture and Water End-Use Energy Efficiency	20. Data Center Energy Management	80								
		a al	21. Energy Storage Technologies: Small Scale 22. Industrial Energy Efficiency and Demand	70	% 70%	80%	80%	10	7.50			
		ture	22. Industrial Energy Efficiency and Demand Reduction	90	% 80%	90%	90%	10	8.75			
		cult se E						_				
		gric -Us	23. Industrial Fluid Separation Technologies	80				1				
		nd.	24. Industrial Process Heat	80								
		這一二	25. Industrial Refrigeration	90								
		ust ate	26. Solar Industrial Process Heat Technologies	70								
		p 🖔	27. Water Conservation	90								
		_	28. Water Treatment: Potable and Wastewater	70	% 80%	80%	80%	10	7.75			
		S	29. Alternative Fuels and Conventional Fuels from		7004	0001	000/	4.0	0.05			
		Renewable Energy Technologies	Non-Conventional Sources 30. Biomass Electric Generation and Municipal	90	% 70%	90%	80%	10	8.25			
		o C	Solid Waste (MSW) Technologies	90	% 70%	80%	80%	10	8.00			
		h T	31. Geothermal	80				10				
		- - -	32. Low Impact Hydroelectric and Ocean Energy	- 00	70 30%	00 /0	00 /0	10	1.23			
		Σ	Technologies	80	% 70%	80%	80%	10	7.75			
		erg	33. Process Heating Alternatives for Industry	80	_							
		Ë	34. Renewable Natural Gas Replacement	30	1070	. 5 70	. 0 70	1	1.20			
		<u>e</u>	Alternatives	80	% 70%	80%	80%	10	7.75			
		vab	35. Solar Thermal Electric and Photovoltaic									
		ЭЕ	Technologies	80								
		Rer	36. Storage Technologies	90			70%	1				
			37. Wind Technologies	80	% 70%	80%	70%	10	7.50			

Prop #	Company		Criteria	Scor 1	er Scorer 2		Scorer 4	Possible Points	Averaged Points Awarded
		atio /	38. Advanced Transportation Fuels and Infrastructure	8	0% 80%	80%	90%	10	8.25
		sport Energ	39. Advanced Transportation Technologies and Infrastructure		0% 70%				
		Trar n F	40. Sustainable Communities and Land Use Planning	5	50%	70%	50%	10	5.50
		ng tio	41. Market Assessment	8	70%	80%	80%	10	7.75
			42. Quantification of Benefits of Energy Resources and Technologies	7	70%	80%	80%	10	7.50
		回回	43. RD&D Program Evaluation	5)% 70%	80%	80%	10	7.00
		er	44. Facilitate Dissemination of Project and Program Results	7)% 50%	90%	80%	10	7.25
		ınsf	45. Facilitator	7	70%	80%	70%	10	7.25
		Tra	46. Graphics/Design/Printing	9	50%	80%	90%	10	
		Technology Transfer	47. Technical Editor	7)% 50%	_		10	_
		잉	48. Technical Writer)% 50%				
		hh	49. Webcast)% 100%				
		Ĕ	50. Word Processing	8)% 70%	80%	90%	_	
			Total AOE Score:					500	
			Average Loaded Hourly Rate, Cost % and Score		73 100.00%			270	
		Cost Score	2. Cost Justification	7)% 70%	80%	90%		
		0001 00010	Total Cost Score					290	285.50
			Budget-Economic Investment in California (EIC)					10	0.00
			Total Contractor Qualifications and Experience:					200	
			Total AOE Score:					500	
			Total Cost Score (incl EIC)					290	
		Totals	Total					1000	814.75

Preference Points Calculation High Score

Total Possible

Points 1000

Highest Technical

Score 886.2

						1	1	TAODA/	ı	T
								TACPA/		
						DVBE	DVBE	EZA/	TACPA/ EZA/	
	Total Average	SB Pref		Non-SB	Non-SB Pref	Incentive	Incentive	LAMBRA	LAMBRA Pref	
#	Score	%	SB Pref Points	Pref %	Points	%	Points	Pref %	Points	Final Score
Proposal 1	883.24	0%	0			0%	0	0%	0	
Proposal 2	886.2	0%	0	0%	0	2%	20	0%	0	906.20
Proposal 3	814.75	0%	0	0%	0	2%	20	0%	0	834.75
									0	0
									0	0
									0	0
									0	0
									0	0
									0	0
									0	0
									0	
									0	
									0	
									0	
									0	
									0	
									0	
									0	
									0	
									0	0